

Application No. 10/679,536
Amendment dated December 18, 2007
Response to Office Action dated August 21, 2007

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (canceled).

Claim 2 (currently amended): A method of identifying a sound file, the method comprising the steps of:

- (a) determining a frequency domain representation of at least a portion of the sound file;
- (b) selecting a plurality of points at at least one predetermined frequency from the frequency domain representation; and
- (c) generating an identifying tag for the sound file based upon the selected points, wherein the selected points are represented as spatial coordinates such that the sound file is identified by its position in space.

Claim 3 (currently amended): A method of identifying and comparing sound files, the method comprising the steps of:

- (a) determining a first frequency domain representation of at least a portion of a first sound file;
- (b) selecting a plurality of first points at at least one frequency from the first frequency domain representation;
- (d) generating a first identifying tag for the first sound file based upon the selected first points, wherein the selected points are represented as a first set of spatial coordinates such that the first sound file is identified by its position in space;
- (c) determining a second frequency domain representation of at least a portion of a second sound file;
- (d) selecting a plurality of second points at the at least one frequency from the second frequency domain representation;
- (e) generating a second identifying tag for the second sound file based upon the selected second points, wherein the selected points are represented as a second set of spatial coordinates such that the second sound file is identified by its position in space; and
- (f) comparing ~~the first points of the first sound file to the second points of the second sound~~ the relative positions of the first and second sets of spatial coordinates in space to determine a degree of similarity between the first and second sound files.

Claim 4 (currently amended): The method as set forth in claim 3, wherein the step of comparing the ~~first points to the second points~~ first set of spatial coordinates to the second set of spatial coordinates involves determining a degree of distance between the first points and the second points.

Claim 5 (currently amended): The method as set forth in claim 3, wherein, in comparing the ~~first points to the second points~~ first set of spatial coordinates to the second set of spatial coordinates, a total number of differences that do not exceed a pre-established threshold are ignored as oddities.

Claim 6 (currently amended): A method of identifying a sound file, the method comprising the steps of:

- (a) determining a time domain representation of at least a portion of the sound file;
- (b) translating the time domain representation to a frequency domain representation;
- (c) selecting a plurality of points at at least one predetermined frequency from the frequency domain representation; and
- (d) generating an identifying tag for the sound file based upon the selected points, wherein the selected points are represented as spatial coordinates such that the sound file is identified by its position in space.

Claim 7 (previously presented): The method as set forth in claim 6, wherein the time domain representation includes time and amplitude, and wherein the frequency domain representation includes amplitude and frequency.